

Title (en)
METHOD OF PRODUCING POLYTETRAFLUOROETHYLENE SHEET, APPARATUS THEREFOR, AND APPARATUS FOR GRANULATING AND KNEADING

Title (de)
VERFAHREN ZUM HERSTELLEN VON POLYTETRAFLUORETHYLENFOLIE, VORRICHTUNG DAFÜR UND VORRICHTUNG ZUM GRANULIEREN UND KNETEN

Title (fr)
PROCEDE DE PRODUCTION DE FEUILLES DE POLYTETRAFLUOROETHYLENE, APPAREIL Y SERVANT ET GRANULEUSE PETRISSEUSE

Publication
EP 0875349 A4 19981230 (EN)

Application
EP 96941857 A 19961212

Priority

- JP 9603639 W 19961212
- JP 32755395 A 19951215

Abstract (en)
[origin: WO9722452A1] A method and apparatus for continuously and efficiently making a PTFE sheet, wherein a sheet of compressed powder (110) of polytetrafluoroethylene (PTFE) containing a lubricant is stretched while passing (120) between a pair of running belts, which form a gap being narrower downstream. Further, provided is an apparatus for granulating and kneading PTFE powder, which comprises a pair of plastic belts (4, 7), between which lubricated PTFE powder material is supplied. The two belts run at different speeds and at least one of the belts is vibrated laterally so that the powder may be sent obliquely to the longitudinal direction. As a result the powder is granulated under pressures between the belts.

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IPC 8 full level
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B29B 7/52 (2013.01 - EP KR); **B29B 9/10** (2013.01 - EP KR); **B29B 11/12** (2013.01 - EP KR); **B29C 43/22** (2013.01 - EP KR); **B29C 43/48** (2013.01 - EP KR); **B29C 55/18** (2013.01 - EP KR); **B29C 2037/92** (2013.01 - EP KR); **B29K 2027/18** (2013.01 - EP KR); **B29K 2105/251** (2013.01 - EP KR)

Citation (search report)

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